

Enclosure A

EPA-R5-2014-004074  
SAUK VILLAGE CONTAMINATED WATER SUPPLY  
DOCUMENTS TO THE REQUESTOR

Please see the attached document list for the record(s) that have been uploaded to our FOIA Online System.

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Roadway Express Memorandum	6/21/10	1
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## MEMORANDUM

**Date:** June 21, 2010  
**To:** Gary King, Manager, DRM/BOL  
**From:** Hernando Albarracin, Manager, LUST Section/BOL  
**Subject:** LPC # 0310455205—Cook County  
Chicago Heights/Roadway Express  
2000 Lincoln Highway  
Incident Nos. 891102, 911816, 923576, 960201, 990529, & 20051151

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Roadway Express is a large trucking facility located at 2000 Lincoln Highway in Chicago Heights. Historically, 12 USTs were located at the facility, of which six are currently in operation. Six incidents have been reported at the facility, of which five have received NFR Letters.

Incident No. 990529—NFR Letter issued 3/08/2001

Incident No. 923576—NFR Letter issued 6/13/2008

Incident Nos. 891102, 911816, & 960201—NFR Letter issued 6/19/2008

The location of each release and the product released are outlined in the attachments. In addition, a map of the facility with all the former and current locations of the USTs is included.

Incident No. 20051151 involves a release of diesel fuel at the pump island (see site map). Free product removal activities are being performed at this location. Groundwater depth is about 15 feet and the flow direction is to the southeast.

It doesn't appear the LUST incidents are the source of the vinyl chloride detected in Sauk Village's Well #3. However, the site map shows a Service Garage in the area of Incident No. 923576, relatively close to the location of Well #3 (a few hundred feet to the east).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

27 JUL 2012

SE-5J

Daniel M. Caplice  
K-Plus Engineering, LLC  
15 Spinning Wheel Drive, Suite 320  
Hinsdale, Illinois 60521

Subject: **Sauk Village Contaminated Water Supply**

Dear Mr. Caplice:

Thank you for your letter dated July 19, 2012 on behalf of Sauk Village.

EPA is aware of the contaminated ground water in the village's municipal wells. We understand that the city will now be installing temporary air strippers and is working closely with Illinois Environmental Protection Agency (IEPA). EPA has been and will continue to coordinate with IEPA on this issue.

Again, thank you for your letter. If you have further questions, please contact me at (312) 886-4592.

Sincerely,

A handwritten signature in black ink, which appears to read "Michael Ribordy", is written over a horizontal line.

Michael Ribordy, Chief  
Emergency Response Section 3  
Superfund Division

[www.chicagotribune.com/news/local/breaking/chi-no-answers-on-sauk-village-water-problems-20120717,0,2143826.story](http://www.chicagotribune.com/news/local/breaking/chi-no-answers-on-sauk-village-water-problems-20120717,0,2143826.story)

**chicagotribune.com**

## Sauk Village may offer residents bottled water

By Dennis Sullivan

Tribune reporter

7:03 AM CDT, July 18, 2012

Sauk Village officials are working on an emergency plan and might provide residents with bottled water in response to a report that says the well water in the small south suburb is contaminated, the mayor said Tuesday night.

About 250 residents attended the Village Board's regular meeting, where Mayor Lewis Towers admitted, "The level of contamination is much higher than what we expected."

The Illinois Environmental Protection Agency said this week the drinking water in Sauk Village is polluted with vinyl chloride, and it gave the town five days to alert its nearly 10,500 residents.

Officials said they don't know the source of the vinyl chloride. Exposure to it in drinking water over many years can increase the risk of cancer, the U.S. EPA said.

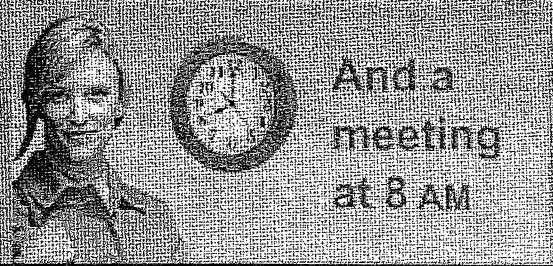
Towers said he and other municipal representatives went to the Illinois attorney general's office in Chicago on Tuesday afternoon to meet with the IEPA about its findings.

A special meeting called in response to the IEPA findings was held Tuesday afternoon, but was abruptly halted with no information for the dozens of residents who attended. It began with board members meeting behind closed doors, where they attempted to have a conference call with state officials regarding the water, Towers said.

Sauk Village trustees were advised not to hold the conference call during executive session, Towers said, and after 30 minutes they came out of closed session and declined to address about 45 residents who were waiting, causing some outbursts demanding answers.

Towers, who ran for office promising to improve the water supply, did talk to reporters. He cited a March referendum in which voters approved changing the water supply to Lake Michigan water — a process expected to take years and cost residents hundreds of dollars a year on their water bills. "We're still moving in that direction," he said.

advertisement



And a meeting at 8 AM

Intestines, or kidneys), uncontrolled blood pressure, or severe liver problems, you should not take RELPAX. Very rarely, certain people, even some without heart disease, have had serious heart-related problems.

Do not take RELPAX if you have migraines that cause temporary vision loss, or if you have had a recent heart attack, stroke, or other serious heart problem.

Patient Information & Prescribing Information RELPAX 25mg Tablets

Lake Michigan water won't be hooked up to the town until 2016, according to recent estimates. Several suburbs surrounding it already have Lake Michigan water.

Towers said residents "have every right to be upset, (but) we're doing everything we can."

Asked if he drank the water, Towers replied, "No, I don't," but added most residents drink bottled water.

Thirty-year Sauk Village resident Joe Ciechomski attended the afternoon meeting and said he suspects pollutants in the water supply may have contributed to his mother's kidney cancer. Cheval Alston, a 12-year village resident, said he believes there's a link between his daughter's fibroid tumor and the water.

"It's come out brown, it's come out black," Alston said of the water.

Residents have known of problems with the water for years. A 2009 state notice to residents warned of vinyl chloride contamination but said state and village officials were working on the issue.

James Lambert, who moved into town 13 years ago, said he never drank the water because of the way it tasted. But, he added, he didn't know it could harm his health.

"Honestly, my dog won't drink the water," he said.

Ray Gize, who moved to the village shortly after its incorporation in 1957, said the water was excellent at first but has declined in the recent decades. Gize said the dwindling population already is unable to cover the cost of maintaining the aging infrastructure and will struggle to pay to upgrade water lines tying into Lake Michigan water.

Gize said he relies exclusively on bottled water and doesn't use municipal water for even his lawn.

Alston said the health benefits outweigh the financial problems.

"I'd rather pay an extra thousand dollars than watch my family die," he said.

*Tribune reporter Joseph Ryan contributed.*

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#2

20601

 0312790  
 #2-157A-12060  
 AP Oct. 1/1A

 Illinois State Geological Survey  
 Urbana, Illinois  
 Indian Hill Utility Corp.

Sank Village

 T R 14E  
 35 N 25 Sec.  
 Cook Co.

Elevation: 642' Est. T.M.

Drilled: 1959 by Wehling Well Works

1390' N 1465' W

Sample Set No. 34883

Studied 12/59 by G.H. Emrich

Pleistocene		75	5	5	Soil	27'	Static Water Level  12" I.D. Csg. 78'
			15	20	Till, yellowish-buff		
			45	65	Till, gravel, grayish-brown		
			10	75	Gravel, sandy		
S I L U R I A N  S Y S T E M	Waukesha	170	30	105	Dolomite, silty, gray, little light gray and buff	12" Hole	
			35	140	Dolomite, cherty, silty, buff to buffish gray, very fine		
			45	185	Dolomite, very silty, gray, very fine		
			60	245	Dolomite, very silty, gray to grayish buff		
	Joliet	145	25	270	Dolomite, buff to buffish-green, little orange		
			55	325	Dolomite, light buff to light gray, very fine		
			35	360	Dolomite, slightly silty, light buff to light grayish buff		
			30	390	Dolomite, light gray, little light buff, very fine		
	Kankakee	35	25	415	Dolomite, light buff		
			10	425	Dolomite, light buff to grayish buff		
	Edgewood	37	37	462	Dolomite, silty, buff to buffish-gray, very fine, speckled		
			13	475	Shale, green, tough; dolomite, buff		
O	Maquoketa	13	13	475		T.D.	

SWS

Cook

Indian Hill

0312790

IEPA #: 20600

A7 Data A/A

City

Sank Village

County

Cook

#1

Section

25.3C

Twp. No.

35N

Range

14E

Location (in feet from section corner)

1400' N, 1950' W, SE cor

Owner

Indian Hills Utility Co #1

Authority

Pat Naylor, OPI

Contractor

Wehling?

Address

Date drilled

1957

Elev. above sea level top of well

Depth

470 ft

Log

X Glacial drift 0-75; Rock 75-470

Were drill cuttings saved

Where filed

Size hole

If reduced, where and how much

Casing record

8" 0-180? 0-90?

Distance to water when not pumping

Large 78'

Distance to water is

feet after pumping at

G. P. M. for

hours.

Reference point for above measurements

Type of pump

Peculiar turbine

Distance to cylinder

?

Length of cylinder

Length of suction pipe below cylinder

Length stroke

airline ?

Speed

1800 RPM

Hours used per day

Type of power

US Motor #1070326

Rating of motor

40 HP

Rating of pump in G. P. M.

Can following be measured: (1) Static water level

Yes

(2) Pumping level

Yes

(3) Discharge

Yes

572,500 gal - Jan 5-31, 1958

(4) Influence on other wells

Temperature of water

Was water sample collected

Date

Effect of water on meters, hot water coils, etc.

Date of Analysis

Analysis No.

Recorder

Robert Thasman

Date

Feb 20, 1958

White Copy -  
Ill. Dept. of Public Health  
Yellow Copy - Well Driller  
Blue Copy - Well Owner

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, ROOM 616, STATE OFFICE BUILDING, SPRINGFIELD, ILLINOIS, 62706. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

0312790  
#3- 1EPA W: 20602  
APD L N/A

# ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

## 1. Type of Well

- a. Dug ☐ Bored ☐ Hole Diam. 12 in. Depth 150 ft.  
Curb material ☐ Buried Slab: Yes ☐ No ☐  
b. Driven ☐ Drive Pipe Diam. ☐ in. Depth ☐ ft.  
c. Drilled ☒ Finished in Drift ☐ In Rock ☒  
Tubular ☐ Gravel Packed ☐  
d. Grout:

(KIND)	FROM (FT.)	TO (FT.)

## 2. Distance to Nearest:

Building ☐ Ft. Seepage Tile Field ☐  
Cess Pool ☐ Sewer (non Cast iron) ☐  
Privy ☐ Sewer (Cast iron) ☐  
Septic Tank ☐ Barnyard ☐  
Leaching Pit ☐ Manure Pile ☐

## 3. Is water from this well to be used for human consumption?

Yes ☒ No ☐

## 4. Date well completed April 14, 1970

5. Permanent Pump Installed? Yes ☐ No ☐  
Manufacturer Reda Type submersible  
Capacity ☐ gpm. Depth of setting 42 ft.

6. Well Top Sealed? Yes ☐ No ☐  
7. Pitless Adaptor Installed? Yes ☒ 12" attached to casing by weld No ☐  
8. Well Disinfected? Yes ☒ No ☐  
9. Water Sample Submitted? Yes ☐ No ☒

REMARKS: This well is to be turned over to Sank Village as Village Well #3

IDPH 4.065  
10/68

Plant Eng. Wm. Clauson

220 gal. pneumatic pressure tank with float

## GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Sank Village #3 Bldg. 1  
Roadway Express Terminal Well No. 1  
Address Route #30 & Cal. Expway, Chicago Heights, Ill.  
Driller Wehling Well Works, License No. 92-56  
11. Permit No. 8479 Date Oct. 1969  
12. Water from ☐ Formation ☐  
at depth ☐ to ☐ ft. Sec. 24.46  
14. Screen: Diam. ☐ in. Twp. 35N  
Length: ☐ ft. Slot ☐ Rge. 11E  
Elev. ☐

## 15. Casing and Liner Pipe 42oz 3900's, 2200 W NE/c

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
<u>12"</u>		<u>0</u>	<u>76</u>

SHOW  
LOCATION IN  
SECTION PLAT

SU1 SW SE

16. Size Hole below casing 11-7/8 in.  
17. Static level 15 ft. below casing top which is ☐ ft.  
above ground level. Pumping level 23 ft. when pumping at 1000  
gpm for 5 hours. As per attached

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
<u>Drift</u>	<u>76</u>	<u>76</u>
<u>Lima</u>	<u>375</u>	<u>451</u>

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Wehling Well Works, Inc., DATE April 24, 1970

Correction per RTS April 1971

20602  
15





## **Illinois Environmental Protection Agency Laboratory**

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### **LABORATORY RESULTS**

Name:	SAUK VILLAGE		
Project/Facility Number:	0312790	Date Received :	07/11/12
Funding Code:	PW33	Visit Number:	001
Trip ID:	004	Temperature C:	5.00
Client Sample ID:	VOC TP01 FINISHED		Lab Sample ID: SG20367-01
Matrix:	Water	Collected By: G. WHITE	Date/Time Collected: 07/10/12 11:55
Sample Type:	Finished	Sample Depth:	Total Depth:

### **Volatile Organic Compounds by GC/MS**

Method:	524.2	Prepared:	07/11/12 09:53
Units:	ug/L	Analyzed:	07/11/12 19:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	1.68		0.50	0.5
1,1-Dichloroethene	ND		0.50	0.5
Methylene chloride	ND		0.50	0.5
trans-1,2-Dichloroethene	ND		0.50	0.5
Methyl tert-butyl ether	ND		0.50	0.5
cis-1,2-Dichloroethene	ND		0.50	0.5
1,2-Dichloroethane	ND		0.50	0.5
1,1,1-Trichloroethane	ND		0.50	0.5
Carbon tetrachloride	ND		0.50	0.5
Benzene	ND		0.50	0.5
1,2-Dichloropropane	ND		0.50	0.5
Trichloroethene	ND		0.50	0.5
1,1,2-Trichloroethane	ND		0.50	0.5
Toluene	ND		0.50	0.5
Tetrachloroethene	ND		0.50	0.5
Chlorobenzene	ND		0.50	0.5
Ethylbenzene	ND		0.50	0.5
Styrene	ND		0.50	0.5
1,4-Dichlorobenzene	ND		0.50	0.5
1,2-Dichlorobenzene	ND		0.50	0.5
1,2,4-Trichlorobenzene	ND		0.50	0.5
Xylenes, total	ND		0.50	0.5

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Celeste Crowley, Acting Laboratory Manager, at 217.782.9780.*

**Reported:**  
07/12/12 13:17  
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## Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### LABORATORY RESULTS

Name: SAUK VILLAGE

Project/Facility Number: 0312790

Funding Code: PW33

Trip ID: 004

Date Received : 07/11/12

Visit Number: 001

Temperature C: 5.00

Client Sample ID: VOC TP01 WL20600 WELL 1

Lab Sample ID: SG20367-02

Matrix: Water

Collected By: G. WHITE

Date/Time Collected: 07/10/12 11:40

Sample Type: Raw

Sample Depth:

Total Depth:

### **Volatile Organic Compounds by GC/MS**

Method: 524.2

Prepared: 07/11/12 09:53

Units: ug/L

Analyzed: 07/11/12 20:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	2.50		0.50	0.5
1,1-Dichloroethene	ND		0.50	0.5
Methylene chloride	ND		0.50	0.5
trans-1,2-Dichloroethene	ND		0.50	0.5
Methyl tert-butyl ether	ND		0.50	0.5
cis-1,2-Dichloroethene	0.64		0.50	0.5
1,2-Dichloroethane	ND		0.50	0.5
1,1,1-Trichloroethane	ND		0.50	0.5
Carbon tetrachloride	ND		0.50	0.5
Benzene	ND		0.50	0.5
1,2-Dichloropropane	ND		0.50	0.5
Trichloroethene	ND		0.50	0.5
1,1,2-Trichloroethane	ND		0.50	0.5
Toluene	ND		0.50	0.5
Tetrachloroethene	ND		0.50	0.5
Chlorobenzene	ND		0.50	0.5
Ethylbenzene	ND		0.50	0.5
Styrene	ND		0.50	0.5
1,4-Dichlorobenzene	ND		0.50	0.5
1,2-Dichlorobenzene	ND		0.50	0.5
1,2,4-Trichlorobenzene	ND		0.50	0.5
Xylenes, total	ND		0.50	0.5

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**Reported:**

07/12/12 13:17

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## **Illinois Environmental Protection Agency Laboratory**

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### **LABORATORY RESULTS**

Name: SAUK VILLAGE

Project/Facility Number: 0312790 Date Received: 07/11/12

Funding Code: PW33 Visit Number: 001

Trip ID: 004 Temperature C: 5.00

Client Sample ID: VOC TP01 WL20601 WELL 2 Lab Sample ID: SG20367-03

Matrix: Water Collected By: G. WHITE Date/Time Collected: 07/10/12 10:55

Sample Type: Raw Sample Depth: Total Depth:

### **Volatile Organic Compounds by GC/MS**

Method: 524.2 Prepared: 07/11/12 09:53

Units: ug/L Analyzed: 07/11/12 20:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	1.62		0.50	0.5
1,1-Dichloroethene	ND		0.50	0.5
Methylene chloride	ND		0.50	0.5
trans-1,2-Dichloroethene	ND		0.50	0.5
Methyl tert-butyl ether	ND		0.50	0.5
cis-1,2-Dichloroethene	ND		0.50	0.5
1,2-Dichloroethane	ND		0.50	0.5
1,1,1-Trichloroethane	ND		0.50	0.5
Carbon tetrachloride	ND		0.50	0.5
Benzene	ND		0.50	0.5
1,2-Dichloropropane	ND		0.50	0.5
Trichloroethene	ND		0.50	0.5
1,1,2-Trichloroethane	ND		0.50	0.5
Toluene	ND		0.50	0.5
Tetrachloroethene	ND		0.50	0.5
Chlorobenzene	ND		0.50	0.5
Ethylbenzene	ND		0.50	0.5
Styrene	ND		0.50	0.5
1,4-Dichlorobenzene	ND		0.50	0.5
1,2-Dichlorobenzene	ND		0.50	0.5
1,2,4-Trichlorobenzene	ND		0.50	0.5
Xylenes, total	ND		0.50	0.5

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## **Illinois Environmental Protection Agency Laboratory**

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### **LABORATORY RESULTS**

Name: SAUK VILLAGE  
Project/Facility Number: 0312790 Date Received: 07/11/12  
Funding Code: PW33 Visit Number: 001  
Trip ID: 004 Temperature C: 5.00  
Client Sample ID: VOC TRIP BLANK Lab Sample ID: SG20367-04  
Matrix: Water Collected By: Date/Time Collected: 07/10/12 0:00  
Sample Type: Sample Depth: Total Depth: 0

### **Volatile Organic Compounds by GC/MS**

Method: 524.2 Prepared: 07/11/12 09:53  
Units: ug/L Analyzed: 07/11/12 21:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	ND		0.50	0.5
1,1-Dichloroethene	ND		0.50	0.5
Methylene chloride	ND		0.50	0.5
trans-1,2-Dichloroethene	ND		0.50	0.5
Methyl tert-butyl ether	ND		0.50	0.5
cis-1,2-Dichloroethene	ND		0.50	0.5
1,2-Dichloroethane	ND		0.50	0.5
1,1,1-Trichloroethane	ND		0.50	0.5
Carbon tetrachloride	ND		0.50	0.5
Benzene	ND		0.50	0.5
1,2-Dichloropropane	ND		0.50	0.5
Trichloroethene	ND		0.50	0.5
1,1,2-Trichloroethane	ND		0.50	0.5
Toluene	ND		0.50	0.5
Tetrachloroethene	ND		0.50	0.5
Chlorobenzene	ND		0.50	0.5
Ethylbenzene	ND		0.50	0.5
Styrene	ND		0.50	0.5
1,4-Dichlorobenzene	ND		0.50	0.5
1,2-Dichlorobenzene	ND		0.50	0.5
1,2,4-Trichlorobenzene	ND		0.50	0.5
Xylenes, total	ND		0.50	0.5

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**Reported:**  
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**Illinois Environmental Protection Agency Laboratory**

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

**LABORATORY RESULTS**

Name: SAUK VILLAGE  
Project/Facility Number: 0312790  
Funding Code: PW33  
Trip ID: 004

Date Received : 07/11/12  
Visit Number: 001  
Temperature C: 5.00

**Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit  
\* Non-NELAP accredited

Report Authorized by:

*Celeste M. Crowley*  
Celeste M. Crowley  
Acting Laboratory Manager

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**Reported:**

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## **Illinois Environmental Protection Agency Laboratory**

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### **LABORATORY RESULTS**

Name: **SAUK VILLAGE**

Project/Facility Number: 0312790 Date Received: 06/13/12

Funding Code: PW33 Visit Number: 001

Trip ID: 004 Temperature C: 7.00

Client Sample ID: **VOC TP01 WL20601 WELL 2A** Lab Sample ID: **SF20673-01**

Matrix: Water Collected By: G. WHITE Date/Time Collected: 06/12/12 11:15

Sample Type: Raw Sample Depth: Total Depth:

### **Volatile Organic Compounds by GC/MS**

Method: 524.2 Prepared: 06/14/12 14:18

Units: ug/L Analyzed: 06/14/12 16:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
<b>Vinyl chloride</b>	<b>1.18</b>		0.50	0.5
1,1-Dichloroethene	ND		0.50	0.5
Methylene chloride	ND		0.50	0.5
trans-1,2-Dichloroethene	ND		0.50	0.5
Methyl tert-butyl ether	ND		0.50	0.5
cis-1,2-Dichloroethene	ND		0.50	0.5
1,2-Dichloroethane	ND		0.50	0.5
1,1,1-Trichloroethane	ND		0.50	0.5
Carbon tetrachloride	ND		0.50	0.5
Benzene	ND		0.50	0.5
1,2-Dichloropropane	ND		0.50	0.5
Trichloroethene	ND		0.50	0.5
1,1,2-Trichloroethane	ND		0.50	0.5
Toluene	ND		0.50	0.5
Tetrachloroethene	ND		0.50	0.5
Chlorobenzene	ND		0.50	0.5
Ethylbenzene	ND		0.50	0.5
Styrene	ND		0.50	0.5
1,4-Dichlorobenzene	ND		0.50	0.5
1,2-Dichlorobenzene	ND		0.50	0.5
1,2,4-Trichlorobenzene	ND		0.50	0.5
Xylenes, total	ND		0.50	0.5

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Celeste Crowley, Acting Laboratory Manager, at 217.782.9780.*

**Reported:**  
06/26/12 13:41  
Page 1 of 3



## **Illinois Environmental Protection Agency Laboratory**

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### **LABORATORY RESULTS**

Name: SAUK VILLAGE

Project/Facility Number: 0312790

Funding Code: PW33

Trip ID: 004

Date Received : 06/13/12

Visit Number: 001

Temperature C: 7.00

Client Sample ID: VOC TRIP BLANK

Lab Sample ID: SF20673-02

Matrix: Water

Collected By:

Date/Time Collected: 06/12/12 0:00

Sample Type:

Sample Depth:

Total Depth:

### **Volatile Organic Compounds by GC/MS**

Method: 524.2

Prepared: 06/18/12 13:14

Units: ug/L

Analyzed: 06/18/12 14:15

<u>Analvte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Vinyl chloride	ND		0.50	0.5
1,1-Dichloroethene	ND		0.50	0.5
Methylene chloride	ND		0.50	0.5
trans-1,2-Dichloroethene	ND		0.50	0.5
Methyl tert-butyl ether	ND		0.50	0.5
cis-1,2-Dichloroethene	ND		0.50	0.5
1,2-Dichloroethane	ND		0.50	0.5
1,1,1-Trichloroethane	ND		0.50	0.5
Carbon tetrachloride	ND		0.50	0.5
Benzene	ND		0.50	0.5
1,2-Dichloropropane	ND		0.50	0.5
Trichloroethene	ND		0.50	0.5
1,1,2-Trichloroethane	ND		0.50	0.5
Toluene	ND		0.50	0.5
Tetrachloroethene	ND		0.50	0.5
Chlorobenzene	ND		0.50	0.5
Ethylbenzene	ND		0.50	0.5
Styrene	ND		0.50	0.5
1,4-Dichlorobenzene	ND		0.50	0.5
1,2-Dichlorobenzene	ND		0.50	0.5
1,2,4-Trichlorobenzene	ND		0.50	0.5
Xylenes, total	ND		0.50	0.5

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**Reported:**

06/26/12 13:41

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## Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

### LABORATORY RESULTS

Name: SAUK VILLAGE

Project/Facility Number: 0312790

Date Received : 06/13/12

Funding Code: PW33

Visit Number: 001

Trip ID: 004

Temperature C: 7.00

### Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

\* Non-NELAP accredited

Report Authorized by:

*Celeste M. Crowley*  
Celeste M. Crowley  
Acting Laboratory Manager

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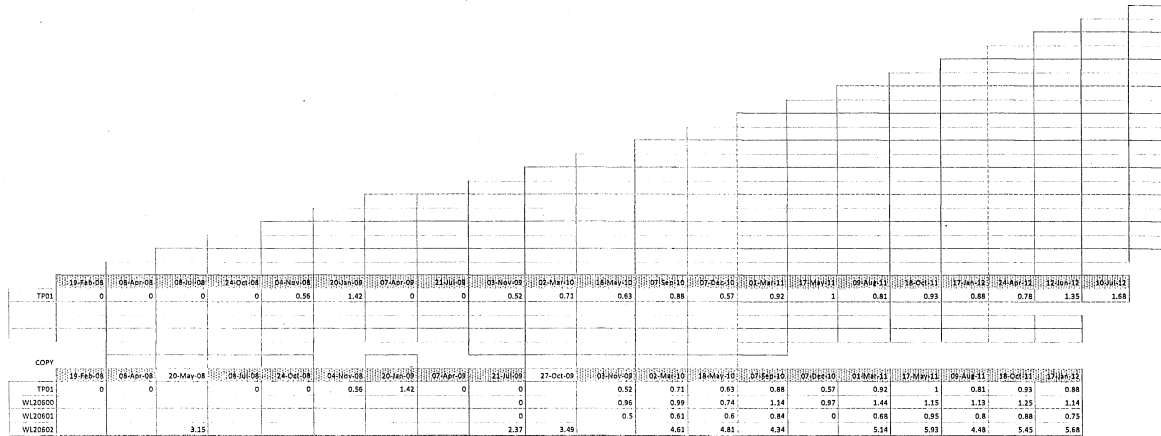
**Reported:**

06/26/12 13:41

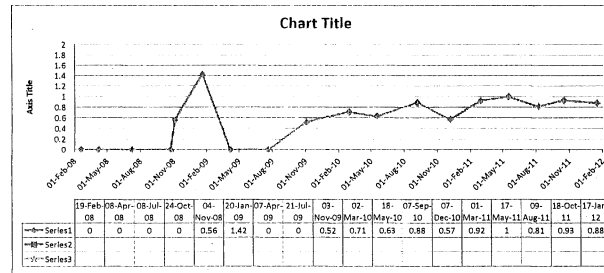
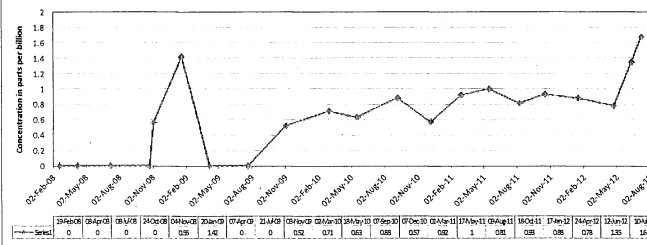
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SGN ID	COLLECTION END	RESULT
TP01	19-Feb-08	0
TP01	08-Apr-08	0
TP01	08-Jul-08	0
TP01	24-Oct-08	0
TP01	04-Nov-08	0.56
TP01	20-Jan-09	1.42
TP01	07-Apr-09	0
TP01	21-Jul-09	0
TP01	03-Nov-09	0.52
TP01	02-Mar-10	0.71
TP01	18-May-10	0.63
TP01	07-Sep-10	0.88
TP01	07-Dec-10	0.57
TP01	01-Mar-11	0.92
TP01	17-May-11	1
TP01	09-Aug-11	0.81
TP01	18-Oct-11	0.93
TP01	17-Jan-12	0.88
WL20600	21-Jul-09	0
WL20600	03-Nov-09	0.96
WL20600	02-Mar-10	0.99
WL20600	18-May-10	0.74
WL20600	07-Sep-10	1.14
WL20600	07-Dec-10	0.97
WL20600	01-Mar-11	1.44
WL20600	17-May-11	1.15
WL20600	09-Aug-11	1.13
WL20600	18-Oct-11	1.25
WL20600	17-Jan-12	1.14
WL20601	21-Jul-09	0
WL20601	03-Nov-09	0.5
WL20601	02-Mar-10	0.61
WL20601	18-May-10	0.6
WL20601	07-Sep-10	0.84
WL20601	07-Dec-10	0
WL20601	01-Mar-11	0.68
WL20601	17-May-11	0.95
WL20601	09-Aug-11	0.8
WL20601	18-Oct-11	0.88
WL20601	17-Jan-12	0.75
WL20602	20-May-08	3.15498
WL20602	21-Jul-09	2.37
WL20602	27-Oct-09	3.49
WL20602	02-Mar-10	4.61
WL20602	18-May-10	4.81
WL20602	07-Sep-10	4.34
WL20602	01-Mar-11	5.14
WL20602	17-May-11	5.93
WL20602	09-Aug-11	4.48
WL20602	18-Oct-11	5.45
WL20602	17-Jan-12	5.68



Sauk Village Vinyl Chloride Detections at treatment Application Point 01  
Served by Well 1 and Well 2



	19-Feb-08	08-Apr-08	08-Jul-08	24-Oct-08	04-Nov-08	20-Jan-09	07-Apr-09	21-Jul-09	03-Nov-09	02-Mar-10	18-May-10	07-Sep-10	07-Dec-10	01-Mar-11	17-May-11	09-Aug-11	18-Oct-11	17-Jan-12
TP01	0	0	0.52	0.71	0.63	0.88	0.57	0.92	1	0.81	0.93	0.88						
WL20600	0	0.96	0.99	0.74	1.14	0.97	2.44	1.15	1.13	1.25	1.14							
WL20601	0	0.5	0.61	0.6	0.84	0	0.68	0.95	0.8	0.88	0.75							

